Atty. Docket No: 29925/39028

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor,	I hereby declare that my residence	post office address and citizenship ar	e as stated	below
next to my name; I believe that I am	the original, first and sole inventor (if only one name is listed below) or an	original, f	irst and
joint inventor (if plural names are lis	sted below) of the subject matter wh	nich is claimed and for which a paten	t is sought	on the
invention entitled " Organic Ar for Form; specification of which (check one):	nti-Reflective Coatin ing Photoresist Patte XI is attached hereto: was filed on	q Composition and Metherns Using the Same as Appl	rod ication Ser	," the
		was filed as PCT International		
		nded under Article 19 on		
		ents of the above-identified specificat		
		the duty to disclose to the Patent and		•
all information known to me to be ma		•		
I hereby claim foreign pric	ority benefits under 35 U.S.C. §11	9 of any foreign application for pat	ent or inv	entor's
		e country other than the United States		
below and have also identified belo	ow any foreign application for pat	ent or inventor's certificate or any i	nternationa	al PCT
		f America filed by me on the same subj		
a filing date before that of the applicat				Ü
			Priority C	laimed
2002-42071	KR	19/07/2002		
2002-42071	N.R.	18/07/2002	V	
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes	No
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes	□ No
I hereby claim the benefit un	der 35 U.S.C. §119(e) of any United	States provisional application(s) listed	below:	
(Application Serial Number)	(Day/Mont	h/Year Filed)		
(Application Serial Number)	(Day/Mont	h/Year Filed)		
I hereby claim the benefit	under 35 U.S.C. §120 of any Unit	ed States application or international	PCT appl	ication
designating the United States of Amer	rica listed below and, insofar as the s	subject matter of each of the claims of	this applica	ition is
not disclosed in the prior application	in the manner provided by the first p	paragraph of 35 U.S.C. §112, I acknow	ledge the	duty to
disclose to the Office all information	known to me to be material to pate	entability as defined in 37 C.F.R. §1.50	6 which oc	curred
between the filing date of the prior app	plication and the national or PCT into	ernational filing date of this application	ı:	
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandone	d)	
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandone		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

John B. Lungmus(18,566) Allen H. Gerstein (22,218) Nate F. Scarpelli (22,320) Michael F. Borun (25,447) Carl E. Moore, Jr. (26,487) Richard H. Anderson (26,526) Patrick D. Ertel (26,877) Richard B. Hoffman (26,910) James P. Zeller (28,491) Thomas I. Ross (29,275) Kevin D. Hogg (31,839) Jeffrey S. Sharp (31,879) Martin J. Hirsch (32,237) Richard M. La Barge (32,254)

James J. Napoli (32,361) Robert M. Gerstein (34,824) Michael R. Hull (35,902) Anthony G. Sitko (36,278) James A. Flight (37,622) Roger A. Heppermann (37,641) David A. Gass (38,153)

Gregory C. Mayer (38,238) Michael R. Weiner (38,359) David C. Read (39,811) Thomas A. Miller (40,091) William K. Merkel (40,725) Sandip H. Patel (43,848) Kevin M. Flowers (44,684) William J. Kramer (46,229)

Send correspondence to:

FIRM NAME

PHONE NO.

STREET

CITY & STATE

ZIP CODE

Marshall, Gerstein & Borun

312-474-6300

6300 Sears Tower 233 South Wacker Drive Chicago, Illinois

60606-6357

Full Name of First or Sole Inventor JUNG, Jae-chang	Citizenship Republic of Korea
Residence Address - Street 724-303 Jugong 7 Samik Jugong Apt., Sangil-dong, Kangdonggu, Seoul 134-797, Republic of Korea	Post Office Address - Street 724-303 Jugong 7 Samik Jugong Apt., Sangil-dong, Kangdong-gu, Seoul 134-797, Republic of Korea
City (Zip) Seoul-shi	City (Zip) Seoul-shi
State or Country Republic of Korea	State or Country Republic of Korea
Date ☑ November 13, 2002	Signature Das Das Chang

Second Joint Inventor, if any	Citizenship
SHIN, Ki-soo	Republic of Korea
Residence Address - Street	Post Office Address - Street
307-1301 Kisan Apt., Yatab 2-dong, Bundang-gu, Seongnam-	307-1301 Kisan Apt., Yatab 2-dong, Bundang-gu,
shi, Kyunggi-do 463-070, Republic of Korea	Seongnam-shi, Kyunggi-do 463-070, Republic of Korea
City (Zip)	City (Zip)
Seongnam-shi	Seonam-shi
State or Country Republic of Korea	State or Country Republic of Korea
Date ☑ November 13, 2002	Signature Signature

Third Joint Inventor, if any	Citizenship
Residence Address - Street	Post Office Address - Street
City (Zip)	City (Zip)
State or Country	State or Country
Date ☑ August 23, 2002	Signature ☑

APPLICABLE RULES AND STATUTES

- 37 CFR 1.56. DUTY OF DISCLOSURE INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)
- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.

Information relating to the following factual situations enumerated in 35 USC 102 and 103 may be considered material under 37 CFR 1.56(a).

35 U.S.C. 102. CONDITIONS FOR PATENTABILITY: NOVELTY AND LOSS OF RIGHT TO PATENT

A person shall be entitled to a patent unless --

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
 - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
 - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

35 U.S.C. 103. CONDITIONS FOR PATENTABILITY; NON-OBVIOUS SUBJECT MATTER (Applicable Portion)

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE UNITED STATES	TATEMT AND TRADEMARK OFFICE				
Applicants: Jae-Chang Jung et al. Serial No.) For: Organic Anti-Reflective Coating) Composition and Method for Forming) Photoresist Patterns Using the Same 				
Filed: Herewith) Group Art Unit: Not yet assigned				
) Examiner: Not yet assigned				
ASSOCIATE POWER OF ATTORNEY					
Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450					
Sir:					
The undersigned attorney of a	record in the above-identified application hereby				
appoints as associate attorney:					
Andrew M. La	awrence (Reg. No. 46,130)				
to prosecute this application,	to make alterations or amendments therein, and				
to transact any and all business in the therewith.	e Patent and Trademark Office connected				
	communications to:				
Hereafter, please address all o	communications to:				
	Marshall, Gerstein & Borun 6300 Sears Tower 233 South Wacker Drive Chicago, Illinois 60606-6357				
	Respectfully submitted,				
July 14, 2003	By: Michael R, Hull, Reg. No. 35,902 Attorney for Applicants 6300 Sears Tower 233 S. Wacker Drive Chicago, Illinois 60606-6357				

(312) 474-6300